

ИНСТИТУТ ОРГАНИЧЕСКОЙ
ХИМИИ ИМ. П. Д. ЗЕЛИНСКОГО

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АКАДЕМИЯ НАУК СССР

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MOSCOW B-331

Chem Catalysis "Theme III"
In-depth study of Selected Catalytic Systems

Dr. W. K. Hall,
The University of Wisconsin-Milwaukee,
Department of Chemistry,
Milwaukee, Wisconsin 53201, USA

2th November 1973.

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USSR
Chem.

Dear Dr. Hall,

Thank you very much for your letter of October 3 with the invitation for the common work on butene-1 isomerisation which we accept with pleasure. I completely agree with the plan of this work that you proposed. We can begin the preliminary experimental study of π -complexes by NMR just after receiving your samples. Please prepare them as soon as possible and send us. I believe that the amount of about 50gms will be quite sufficient. Both of the samples of zeolite and silica alumina are desirable, because the resolution of NMR spectra for zeolites due to the lower mobility of adsorbed molecules could be worse than for silica alumina. Another subject that we need for the common work is the pure 1-butene that is not available in the Soviet Union. Is it possible to send us even the minor amount of this product simultaneously with the samples of the catalysts?

What concerns the exchange between our laboratories with

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with you Dr. V. A. Shvets. He is a very capable young man quite familiar with kinetics and chromatography and a real expert in spectroscopy of any kind. I am sure you would have a good use of him for our common work and he ~~could~~ would learn a lot of new during it. At the moment we addressed the presidium of Academy of Sciences of USSR with the request to arrange his visit to USA in the beginning of 1974. We will let you know immediately about any details of his coming as soon as they are clear. We shall accept also with pleasure the junior scientist from your laboratory at any time convenient for him.

The program of our visit to USA is still not fixed. My feeling is that it is transferred on January 1974. In any case I hope to meet you again in the nearest future.

Thank you very much for the preprints of your papers that we are studying with great interest.

With best personal wishes,

Very truly yours

V. B. Kazansky
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